



Release Notes for Data Migration Assistant (DMA) Release 5.1(3)

October 1, 2007

These release notes describe the caveats that were resolved in Data Migration Assistant 5.1(3). To view information about the caveats that this release resolves, see the [“Caveats” section on page 2](#)

Contents

These release notes discuss the following topics:

- [Introduction, page 1](#)
- [Caveats, page 2](#)
- [Cisco Product Security Overview, page 12](#)

Introduction

The Cisco Data Migration Assistant (DMA) version 5.1(3) assists you with the first step in migrating Cisco Unified CallManager 4.x data to Cisco Unified CallManager 5.1(3) by exporting the data in a format that Cisco Unified CallManager 5.1(3) can read. Cisco Unified CallManager 4.x runs in a Windows environment, and Cisco Unified CallManager 5.1(3) runs in a Linux environment, so the Cisco DMA exports Windows-based data to a format that Linux can import. The Cisco Unified CallManager 5.1(3) installation process converts the exported data as needed for Cisco Unified CallManager 5.1(3), which completes the data migration. DMA also exports data for upgrading Cisco Emergency Responder 1.3 To Cisco Emergency Responder 2.0. For more information, refer to *Cisco Emergency Responder Administration Guide*.

The Cisco DMA saves the data that it exports in a tape archive (tar) file in a location that you specify.



Note

You must install and run Cisco DMA on the Cisco Unified CallManager publisher server before you upgrade to Cisco Unified CallManager 5.x. If you make any configuration changes to Cisco Unified CallManager after running the Cisco DMA, the system does not retain these changes when you upgrade.



Americas Headquarters:
Cisco Systems, Inc., 170 West Tasman Drive, San Jose, CA 95134-1706 USA

© 2007 Cisco Systems, Inc. All rights reserved.

For more information on Data Migration Assistant 5.1(3), refer to the *Data Migration Assistant User Guide Release 5.1(3)*

Caveats

This section contains information about the caveats that get resolved by this release of DMA, and information about how to create your own list of resolved and open caveats.

- [Caveats Resolved in Data Migration Assistant 5.1\(3\), page 2](#)
- [Resolved Caveats, page 9](#)
- [Open Caveats, page 11](#)

Caveats Resolved in Data Migration Assistant 5.1(3)

This section contains information about the defects that are resolved in Data Migration Assistant Release 5.1(3).

- [CSCsa98606 DMA DirExport: Map the AAPromptName of Directory to crsapplction Table, page 3](#)
- [CSCsh16583 DMA Requires an Excessively Long Period to Export the Cisco Unified CallManager Directory, page 3](#)
- [CSCsi56977 User must be Administrator to install DMA, page 3](#)
- [CSCsi69720 DMA Install to Check Window Script Engine Version, page 3](#)
- [CSCsi81184 DMA Displays Message 1720 and Installation Fails, page 4](#)
- [CSCsi83799 Enhance Status Display During DMA Process, page 4](#)
- [CSCsi99014 DMA Backup Fails When Informix Password Includes a Backslash Character, page 4](#)
- [CSCsj22669 Device Profile Association Lost After 4.x Upgrade to 5.1\(2\), page 4](#)
- [CSCsj24509 Change Backup > Export in DMA, page 4](#)
- [CSCsj24532 DMA Process Guidelines, page 5](#)
- [CSCsj24558 DMA TAR file Cannot Exceed 2 Gigabytes, page 5](#)
- [CSCsj24573 Save Validation Result in .tar File, page 5](#)
- [CSCsj24579 Improve DMA Run-Time Status Text, page 5](#)
- [CSCsj24600 Directory Export to Provide Progress to DMA Framework, page 6](#)
- [CSCsj42131 DMA Assigns Incorrect/Unexpected Partition to Primary Directory Number, page 6](#)
- [CSCsj50278 Consolidated Log Files and Error Files for Directory Export Added in DMA, page 6](#)
- [CSCsj51881 DMA Export Failed During Directory Export, page 6](#)
- [CSCsj53997 Generate Common Error, Warning and Auto-corrected Files in DMA, page 6](#)
- [CSCsj82405 DMA Does Not Migrate Some LDAP Users Due To Spaces in the User Profile, page 7](#)
- [CSCsj83255 DMA Needs to Better Flag Users Not Migrated From LDAP, page 7](#)
- [CSCsj94674 Directory Export Should Export Users With an Unambiguous Numplan, page 7](#)
- [CSCsj95364 DMA Does Not Export Users If the Profile Owner and User ID Do Not Match, page 7](#)
- [CSCsj96134 DMA Needs to Initiate Log/Trace Initialization, page 8](#)

- [CSCsk22663 DMA Ignores Personal Address Book Entries for User](#), page 8
- [CSCsk60617 Directory Export Failure Should Result in Failure Return to DMA Framework](#), page 8
- [CSCsk62050 DMA Export Fails to Export Users on a Cisco Unified Callmanager 4.x System with DC Directory 2.5](#), page 8

CSCsa98606 DMA DirExport: Map the AAPromptName of Directory to crsapplication Table

Caveat

DMA needs to migrate CRS application data.

Current Condition

The release of Data Migration Assistant 5.1(3) resolves this problem.

CSCsh16583 DMA Requires an Excessively Long Period to Export the Cisco Unified CallManager Directory

Caveat

When DMA runs on a Cisco Unified CallManager 4.2(3) cluster with 30,000 users, DMA takes about six seconds per user to export.

Current Condition

The release of Data Migration Assistant 5.1(3) resolves this problem. DMA reduces the time required for each user.

CSCsi56977 User must be Administrator to install DMA

Caveat

User must have administrator privileges to install DMA successfully.

Current Condition

The release of Data Migration Assistant 5.1(3) resolves this problem. Added checking in DMA to verify that user has the local administrator ID to proceed.

CSCsi69720 DMA Install to Check Window Script Engine Version

Caveat

DMA installation fails to complete when Microsoft Windows Script Host version prior to 5.6 does not exist on the server.

Current Condition

The release of Data Migration Assistant 5.1(3) resolves this problem. Before installing DMA, users must install the latest operating system service release on their server.

CSCsi81184 DMA Displays Message 1720 and Installation Fails

Caveat

DMA installation fails. The message indicates that a problem exists with the Windows Installer Package.

Current Condition

The release of Data Migration Assistant 5.1(3) resolves this problem.

CSCsi83799 Enhance Status Display During DMA Process

Caveat

DMA status window displays too much data and users cannot scroll to read the information.

Current Condition

The release of Data Migration Assistant 5.1(3) resolves this problem. The Status window no longer displays all of the data in the AllProgress log but displays a progress indicator to show that DMA is running. When DMA export completes, DMA shows the export and validation results. Users can access information about errors, warnings, and auto-corrected logs by clicking the corresponding button on the Status window.

CSCsi99014 DMA Backup Fails When Informix Password Includes a Backslash Character

Caveat

DMA export fails and displays a message that indicates that DMA cannot connect to the data source. The Informix IDS service does not start. Failure occurs when the Informix password ends three backslashes.

Current Condition

The release of Data Migration Assistant 5.1(3) resolves this problem. This release contains a validation check in the installation that does not allow three backslashes as the last three characters of the Informix password.

CSCsj22669 Device Profile Association Lost After 4.x Upgrade to 5.1(2)

Caveat

Users with multiple device profile association should migrate with the correct device profile association.

Current Condition

The release of Data Migration Assistant 5.1(3) resolves this problem.

CSCsj24509 Change Backup > Export in DMA

Caveat

In DMA, rename the word “Backup” in to “Export” to indicate that DMA exports data and does not backup data.

Current Condition

The release of Data Migration Assistant 5.1(3) resolves this problem.

CSCsj24532 DMA Process Guidelines**Caveat**

DMA needs to provide more information on what users must do before DMA exports and validates the data.

Current Condition

The release of Data Migration Assistant 5.1(3) resolves this problem.

CSCsj24558 DMA TAR file Cannot Exceed 2 Gigabytes**Caveat**

Upgrades from Cisco Unified CallManager 4.x to Cisco Unified CallManager 5.x or later may encounter issues when the DMA TAR file exceed 2 GB.

Current Condition

The release of Data Migration Assistant 5.1(3) resolves this problem. The DMA export fails if the TAR file exceeds 2 GB.

CSCsj24573 Save Validation Result in .tar File**Caveat**

After completion of the DMA export process, DMA generates the .tar file but does not provide a method to check the .tar file to determine if the validation succeeded.

Current Condition

The release of Data Migration Assistant 5.1(3) resolves this problem. DMA provides a DMAResult.txt file to show validation results.

CSCsj24579 Improve DMA Run-Time Status Text**Caveat**

After DMA export begins, the status on the Export Data window shows the previous status or shows ready.

Current Condition

The release of Data Migration Assistant 5.1(3) resolves this problem. The run-time status displays in the Windows status bar.

CSCsj24600 Directory Export to Provide Progress to DMA Framework

Caveat

In DMA 5.1(3) release, DMA process needs to invoke the underlying components as a separate process. After the system launches the process, DMA framework can provide progress on the status window.

Current Condition

The release of Data Migration Assistant 5.1(3) resolves this problem.

CSCsj42131 DMA Assigns Incorrect/Unexpected Partition to Primary Directory Number

Caveat

DMA needs to assign correct primary extension for end users during migration.

Current Condition

The release of Data Migration Assistant 5.1(3) resolves this problem. CSCsj51881 resolves this defect.

CSCsj50278 Consolidated Log Files and Error Files for Directory Export Added in DMA

Caveat

Three consolidated files should exist so that customers can review DMA export results: error file, warning files and auto-corrected files. These files should contain all of the errors, warnings, and auto-corrected errors from each DMA component.

DMA stores these files in the following locations.

- Error file: C:\Program Files\Cisco\Trace\DMA\DirExport\logs\ DirExport_Error.log
- Warning file: C:\Program Files\Cisco\Trace\DMA\DirExport\logs\ DirExport_Warning.log
- Auto-corrected file: C:\Program Files\Cisco\Trace\DMA\DirExport\logs \ DirExport_Correctedusers

Current Condition

The release of Data Migration Assistant 5.1(3) resolves this problem.

CSCsj51881 DMA Export Failed During Directory Export

Caveat

DMA export fails during the database and direction information verification process.

Current Condition

The release of Data Migration Assistant 5.1(3) resolves this problem.

CSCsj53997 Generate Common Error, Warning and Auto-corrected Files in DMA

Caveat

After DMA export begins, the status on the Export Data window shows the previous status or shows ready.

Current Condition

The release of Data Migration Assistant 5.1(3) resolves this problem. After performing a DMA export, you can examine the error, warning, and auto-correction logs created by DMA by clicking the appropriate log button on the status page or by navigating to C:\Program Files\Cisco\Trace\DMA.

CSCsj82405 DMA Does Not Migrate Some LDAP Users Due To Spaces in the User Profile**Caveat**

DMA should migrate users with spaces in the user profile.

Current Condition

The release of Data Migration Assistant 5.1(3) resolves this problem.

CSCsj83255 DMA Needs to Better Flag Users Not Migrated From LDAP**Caveat**

DMA should display warning messages to customers in DirExport file (DirExport_Warning.log) if users in the directory do not have a user profile and application profile. DMA should also indicate if multiple user have the same user ID but different user profiles and when the userID is different from profile owner ID.

Current Condition

The release of Data Migration Assistant 5.1(3) resolves this problem.

CSCsj94674 Directory Export Should Export Users With an Unambiguous Numplan**Caveat**

DMA should export users with a primary extension that has an unambiguous number plan representation, even if no first line appearance exists with that number plan.

Current Condition

The release of Data Migration Assistant 5.1(3) resolves this problem.

CSCsj95364 DMA Does Not Export Users If the Profile Owner and User ID Do Not Match**Caveat**

DMA should migrate users even if the user and profile owner IDs differ.

Current Condition

The release of Data Migration Assistant 5.1(3) resolves this problem.

CSCsj96134 DMA Needs to Initiate Log/Trace Initialization

Caveat

The DMA framework initializes the progress related trace when DMA requests a database export. The system loses data from the CCM DB Export Progress trace when the CAR database exists and DMA exports the CAR data.

Current Condition

The release of Data Migration Assistant 5.1(3) resolves this problem. If log files that DMA uses are open when DMA export runs, a message displays and DMA fails.

CSCsk22663 DMA Ignores Personal Address Book Entries for User

Caveat

DMA needs to report personal address book entry export with appropriate trace messages.

Current Condition

The release of Data Migration Assistant 5.1(3) resolves this problem.

CSCsk60617 Directory Export Failure Should Result in Failure Return to DMA Framework

Caveat

When the directory export process encounters errors, DMA should provide the appropriate errors to the user. This type of failure handling should be applied to any directory access failures reported to the error log.

Current Condition

The release of Data Migration Assistant 5.1(3) resolves this problem.

CSCsk62050 DMA Export Fails to Export Users on a Cisco Unified Callmanager 4.x System with DC Directory 2.5

Caveat

DMA export fails on a Cisco Unified Callmanager 4.x System with DC Directory 2.5.

Current Condition

The release of Data Migration Assistant 5.1(3) resolves this problem.

Resolved Caveats

You can find the latest resolved caveat information for Data Migration Assistant by using Bug Toolkit, which is an online tool that is available for customers to query defects according to their own needs.



Tip

You need an account with Cisco.com (Cisco Connection Online) to use the Bug Toolkit to find open and resolved caveats of any severity for any release.

To access the Bug Toolkit, log on to http://www.cisco.com/cgi-bin/Support/Bugtool/launch_bugtool.pl.

This section includes the following topics:

- [Using Bug Toolkit, page 9](#)
- [Saving Bug Toolkit Queries, page 10](#)

Using Bug Toolkit

To access Bug Toolkit, you need the following items:

- Internet connection
- Web browser
- Cisco.com user ID and password

To use Bug Toolkit, follow this procedure.

Procedure

Step 1 To access the Bug Toolkit, go to <http://tools.cisco.com/Support/BugToolKit/action.do?hdnAction=searchBugs>.

Log on with your Cisco.com user ID and password.



Note

If you are looking for information about a specific caveat, enter the ID number in the “Search for bug ID:” field and click **Go**.

Step 2 From the Select Product Category drop-down box, choose “Voice and Unified Communications.”

Step 3 From the Select Product drop-down box, choose “Cisco Unified Communications (CallManager).”

Step 4 In the Software Version, Version drop-down list, choose the major release of Cisco Unified Communications Manager for which you want the caveats (for example, 5.0, 6.0, etc.).

Step 5 Under Advanced Options, choose “Use custom settings for severity, status, and others.”

- In the information that displays, click (to “uncheck”) the Fixed check box.
- From the Modified Date drop-down list, choose “Any Time.”

Step 6 Click **Search**.

**Note**

You can save your query for future use. See the [“Saving Bug Toolkit Queries”](#) section on page 10.

**Note**

For detailed online help with Bug Toolkit, click **Help** on any Bug Toolkit window.

Saving Bug Toolkit Queries

Bug Toolkit allows you to create and then save your queries to monitor a specific defect or network situation. You can edit a saved search at any time to change the alert conditions, the defects that are being watched, or the network profile.

Follow this procedure to save your Bug Toolkit queries.

Procedure

-
- Step 1** Perform your search for caveats, as described in the [“Using Bug Toolkit”](#) section on page 9.
- Step 2** Click the **Save Search** button that displays at the bottom of the window.
The Save Search Setting window displays.
- Step 3** In the Search Name field, enter a name for the saved search.
- Step 4** In the Place in Group section, you can:
- Click the **Existing group**: radio button and choose an existing group name from the drop-down list box.
 - Click the **Create new group named**: radio button and enter a group name to create a new group for this saved search.
-
- Note** This bug group will contain the bugs that are identified by using the search criteria that you have saved. Each time that a new bug meets the search criteria, the system adds it to the group that you chose.
-
- Step 5** In the Group Notifications Settings section, for Email Updates, you can choose to set optional e-mail notification preferences if you want to receive automatic updates of a bug status change. Bug Toolkit provides the following options:
- **No email updates**—If you choose this default setting, Bug Toolkit does not send e-mail notifications.
 - **Yes, send my updates to**—Click the radio button to choose this option to send e-mail notifications to the user ID that you enter in this field.
 - **On a schedule**—Click the radio button to choose this option and from the drop-down list, choose the how often you want to get updates from the Bug Toolkit.
- Step 6** To save your changes, click **Save Search**.
- Step 7** A window displays the bug group(s) that you have saved. From this window, you can click a bug group name to see the bugs and the saved searches; you can also edit the search criteria.

Open Caveats

Table 1 describes possible unexpected behaviors in Data Migration Assistant.



Tip

For more information about an individual defect, click the associated Identifier in Table 1 to access the online record for that defect, including workarounds.

Understanding the Fixed-in Version and the Integrated-in Fields in the Online Defect Record

When you open the online record for a defect, you may see data in the “First Fixed-in Version” or “Integrated-in” fields. The information that displays in these fields identifies the list of Cisco Unified CallManager interim versions in which the defect was fixed. These interim versions then get integrated into Cisco Unified CallManager releases.

Some more clearly defined versions include identification for Engineering Specials (ES) or Service Releases (SR); for example 03.3(04)ES29 and 04.0(02a)SR1. However, the version information that displays for the Cisco Unified CallManager maintenance releases may not be as clearly identified.



Note

Because defect status continually changes, be aware that Table 1 reflects a snapshot of the defects that were open at the time this report was compiled. For an updated view of open defects, access Bug Toolkit and follow the instructions as described in the “Using Bug Toolkit” section on page 9.



Tip

Bug Toolkit requires that you have an account with Cisco.com (Cisco Connection Online). By using the Bug Toolkit, you can find caveats of any severity for any release. Bug Toolkit may also provide a more current listing than this document provides. To access the Bug Toolkit, log on to <http://tools.cisco.com/Support/BugToolKit/action.do?hdnAction=searchBugs>.

Table 1 Open Caveats

Identifier	Headline
CSCsb71648	Request for Performance Improvement in DMA for Cisco Unified CallManager 4.x Upgrade Performance
CSCsg92930	DMA backup windows does not refresh often, so the window appears blank.
CSCsj24610	Improve DMA uninstall.
CSCsj49413	During the DMA backup, the DMA export window displays a message that indicates that the window cannot be displayed.
CSCsk18230	DMA should provide more feedback when validation fails.
CSCsk21760	Rename DMAAdmin shortcut to Cisco DMA.
CSCsk33470	DMA export fails when a partition named NULL exists
CSCsk35989	DMA export process adds logic to handle different CSA versions.
CSCsk36026	DMA framework errors are not in single error/warning files.
CSCsk55905	Cisco Unified CallManager 4.x Upgrade Failure Missing Cause Message with fixisstandard() error
CSCsk55927	DMA 6.0(1) fails when descriptions have either a “/” or “-” character in the name.

Table 1 Open Caveats (continued)

CSCsk56867	DMA executes Pre-Migration Step Unnecessarily if customer upgrades the First Node but not all of the subsequent nodes
CSCsk68701	Exportdb.dll does not register immediately after you open the Export Data window and causes export to fail.

Cisco Product Security Overview

Cisco provides a free online Security Vulnerability Policy portal at this URL:

http://www.cisco.com/en/US/products/products_security_vulnerability_policy.html

From this site, you will find information about how to

- Report security vulnerabilities in Cisco products.
- Obtain assistance with security incidents that involve Cisco products.
- Register to receive security information from Cisco.

Find a current list of security advisories, security notices, and security responses for Cisco products at this URL:

<http://www.cisco.com/go/psirt>

To see security advisories, security notices, and security responses as they are updated in real time, you can subscribe to the Product Security Incident Response Team Really Simple Syndication (PSIRT RSS) feed. Find information about how to subscribe to the PSIRT RSS feed at this URL:

http://www.cisco.com/en/US/products/products_psirt_rss_feed.html

Reporting Security Problems in Cisco Products

Cisco is committed to delivering secure products. We test our products internally before we release them, and we strive to correct all vulnerabilities quickly. If you think that you have identified a vulnerability in a Cisco product, contact PSIRT:

- For Emergencies only—security-alert@cisco.com

An emergency is either a condition in which a system is under active attack or a condition for which a severe and urgent security vulnerability should be reported. All other conditions are considered nonemergencies.

- For Nonemergencies—psirt@cisco.com

In an emergency, you can also reach PSIRT by telephone:

- 1 877 228-7302
- 1 408 525-6532



Tip

We encourage you to use Pretty Good Privacy (PGP) or a compatible product (for example, GnuPG) to encrypt any sensitive information that you send to Cisco. PSIRT can work with information that has been encrypted with PGP versions 2.x through 9.x.

Never use a revoked or an expired encryption key. The correct public key to use in your correspondence

with PSIRT is the one linked in the Contact Summary section of the Security Vulnerability Policy page at this URL:

http://www.cisco.com/en/US/products/products_security_vulnerability_policy.html

The link on this page has the current PGP key ID in use.

If you do not have or use PGP, contact PSIRT at the aforementioned e-mail addresses or phone numbers before sending any sensitive material to find other means of encrypting the data.

CCVP, the Cisco logo, and the Cisco Square Bridge logo are trademarks of Cisco Systems, Inc.; Changing the Way We Work, Live, Play, and Learn is a service mark of Cisco Systems, Inc.; and Access Registrar, Aironet, BPX, Catalyst, CCDA, CCDP, CCIE, CCIP, CCNA, CCNP, CCSP, Cisco, the Cisco Certified Internetwork Expert logo, Cisco IOS, Cisco Press, Cisco Systems, Cisco Systems Capital, the Cisco Systems logo, Cisco Unity, Enterprise/Solver, EtherChannel, EtherFast, EtherSwitch, Fast Step, Follow Me Browsing, FormShare, GigaDrive, HomeLink, Internet Quotient, IOS, iPhone, IP/TV, iQ Expertise, the iQ logo, iQ Net Readiness Scorecard, iQuick Study, LightStream, Linksys, MeetingPlace, MGX, Networking Academy, Network Registrar, PIX, ProConnect, ScriptShare, SMARTnet, StackWise, The Fastest Way to Increase Your Internet Quotient, and TransPath are registered trademarks of Cisco Systems, Inc. and/or its affiliates in the United States and certain other countries.

All other trademarks mentioned in this document or Website are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (0708R)

© 2007 Cisco Systems, Inc. All rights reserved.

